

BRUHAT BANGALORE MAHANAGARA PALIKE, YELAHANKA ZONE

Executive Engineer
Byatarayanapura Division
B.B.M.P., Bangalore - 92

DRAFT TENDER SCHEDULE

Issued to :

Original / Duplicat

Name of work: Estimate for the work of: Improvements to road drain and footpath in cross roads of Devinagara in ward no. 08 Kodigehalli.

Sl. No.	Quantity.	Description	Unit	Rates	
				In Figures	In Words
1	812.64	KSRRB M300-10. Excavation in ordinary rock using manual means including loading in a truck and carrying of excavated material to embankment site and complete as per specifications. MORTH Specification No. 301 Page No. 142 / Item No. 19.10, PWD SR 2016-17	cum	225.78	
2	2820.00	KSRRB 500-3. Scarifying existing stone metal layer upto 75mm thick along with their bituminous surface, picking up scarified materials and stacking of old serviceable materials with lead of 100 m. sequential spreading of the salvaged aggregates with fresh aggregates on prepared base and consolidating as per water bound macadam specifications including cost of all labour, HOM of machineries complete as per specifications. MORTH specification clause 501 Page No. 161 / Item No. 21.30, PWD SR 2016-17	cum	92.22	
3	310.80	KSRRB M400-6.2. Construction of granular sub-base by providing close graded crushed stone aggregates of granite / trap / basalt material, spreading in uniform layers with motor grader on prepared surface, mixing by mix in place method by rotavator at OMC, and compacting with vibratory power roller to achieve the desired density, complete as per specifications. B. By Mix in Place Method. - For Grading III Material Page No. 155 / Item No. 20.5.3, PWD SR 2016-17	cum	1434.18	
4	564.00	KSRRB M400- Wet Mix Macadam KSRRB M400-17. Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406 Page No. 161 / Item No. 20.18., PWD SR 2016-17	cum	1768.08	
5	2820.00	KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications. MORTH Specification No. 502 Page No. 161 / Item No. 21.6, PWD SR 2016-17	sqm	27.56	
6	4374.00	KSRRB M500-10. Providing and applying tack coat using 80/100 grade bitumen(VG10) in boiler fitted with spray set distributor at the rate of 0.20 kg per sqm on the existing prepared bituminous surface cleaned with mechanical broom. complete as per specifications. - using bitumen 80/100 on primed surfaces Page No. 162 / Item No. 21.10.2, PWD SR 2016-17	sqm	9.54	
7	78	KSRRB 500-11. Providing and laying bituminous macadam on prepared surface with crushed coarse aggregates as per design mix formula for base / binding course including loading of aggregates with F.E. loader, hot mixing of stone aggregates and bitumen in hot mix plant, transporting the mixed material in tipper to paver and laying mixed materials with paver finisher to the required level and grade, rolling by power roller to achieve the desired density, but excluding cost of primer / tack coat including lead, lift and cost of all materials, labour, HOM of machineries complete as per specifications. MORTH /Chapter 5 - using 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75 mm) with 3.3 % VG-30 Bitumen Page No. 162 / Item No. 21.11.6, PWD SR 2016-17	cum	5237.46	

No corrections - Nil

E.E. (B.T. DIV)
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Sl. No.	Quantity.	Description	Unit	Rates	
				In Figures	In Words
8	112.80	KSRRB M500-19. Providing and laying bituminous concrete using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 509 complete in all respects complete as per specifications. - using 40/60 TPH capacity H.M.P. with Mechanical Paver Gr-II (30 mm to 45 mm) with 6 % CRMB 55 Page No. 192 / Item No. 24.57, PWD SR 2016-17	sqm	9012.12	
9	162.98	KSRRB M800-13. Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface:- Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803 (Page No. 192, Item No. 24.57) SR 2016-17	sqm	685.82	
10	892.64	A) KSRRB M100-1 Loading and Unloading of Stone Boulder / Stone aggregates / Sand / Kanker / Moorum. KSRRB M100-1 : Placing tipper at loading point, loading with front end loader, dumping, turning for return trip, excluding time for haulage and return trip complete as per specifications. MORTH -100/ Chapter 1 (Page No. 132 / Item No. 17.1) Lead for Disposal of Debris shall be payable at carage rates by Mechanical means including loading and unloading. From 0.00 to 10.00 Km etc complete as per specifications and directions of engineer in charge of the work Page No. 134 & 140 / Item No. 17.10, PWD SR 2016-17	cum	106.00	

No corrections - Nil
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Note:

- Item for which no rate or price has been entered in will not be paid for by the Employer when executed and shall be deemed covered by the other rates and prices in the Bill of quantities (refer: ITB Clause 7.2 and CC Clause 33.2)
- Unit rates and prices shall be quoted by the Tender in Indian rupees.
- Where there is a discrepancy between the rate in figures and words the rates in words will govern (ITB Clause 19.1(a))
- Where there is a discrepancy between the unit rate and the line item total resulting from multiplying the unit rate by quantity the unit rate quoted shall govern (ITB Clause 19.1(b))

"DTS Approved"

Chief Engineer
 Yelahanka Zone
 Bangalore Mahanagara
 Bangalore 92